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Amendments to the Claims:

This listing of claims will replace all prior versions and listings of claims in the application:

Listing of Claims:

1. (Canceled)

2. (Canceled)

3. (Canceled)

4. (Canceled)

5. (Canceled)

6. (Canceled)

7. (Canceled)

8. (Canceled)

9. (Canceled)

10. (Canceled)

11. (Canceled)

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12. (Canceled)

13. (Canceled)

14. (Canceled)

15. (Canceled)

16. (Canceled)

17. (Canceled)

18. (Canceled)

19. (Canceled)

20. (Canceled)

21. (Canceled)

22. (Canceled)

23. (Canceled)

24. (Canceled)

25. (Canceled)

26. (Canceled)

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27. (Canceled)

28. (Canceled)

29. (Canceled)

30. (Canceled)

31. (Canceled)

32. (Canceled)

33. (Canceled)

34. (Canceled)

35. (Canceled)

36. (Canceled)

37. (Canceled)

38. (Currently Amended) A method of coating a substrate with a material comprising:

providing a substrate, an applicator comprising an A-side intake, an A-side outlet, a B-side intake, a B-side outlet, and a nozzle head and an A-side reactant comprising an isocyanate and a B-side reactant wherein the B-side reactant comprises a blown vegetable oil, a cross-linking agent comprised of a multifunctional alcohol, and a catalyst; and

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passing the A-side reactant through the A-side intake of the applicator and the B-side reactant through the B-side intake of the applicator such that the A-side and the B-side reactants pass through the A-side and B-side outlets and contact the substrate.

39. (Original) The method of claim 38, wherein the B-side further includes a blowing agent.

40. (Currently Amended) The method of claim 38, wherein the blown vegetable oil comprises a blown vegetable chosen from the group comprisingconsisting of a blown soy oil, a blown rapeseed oil, a blown cottonseed oil, [[or]]and a blown palm oil.

41. (Currently Amended) The method of claim 38, wherein the blown vegetable oil comprises a blown soy oil.

42. (Currently Amended) The method of claim 38, wherein the catalyst [[is]]comprises a tertiary amine.

43. (Original) The method of claim 38, wherein the multifunctional alcohol is present in a ratio to the vegetable oil such that there are at least 0.7 moles of hydroxyl (OH) groups per mole of vegetable oil.

44. (Currently Amended) The method of claim 38, wherein the isocyanate comprises an isocyanate chosen from the group comprisingconsisting of 2,4 toluene diisocyanate, 4,4' diphenylmethane diisocyanate, and 2,4 diphenylmethane diisocyanate.

45. (Original) The method of claim 38, wherein the B-side further comprises a surfactant.

46. (Original) The method of claim 38, wherein the isocyanate comprises a mixture of at least two isocyanates.

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47. (Currently Amended) The method of claim 46, wherein the isocyanate comprises a mixture of at least two isocyanates selected from the group consisting of 2,4 toluene diisocyanate, 4,4' diphenylmethane diisocyanate, and 2,4 diphenylmethane diisocyanate.

48. (Currently Amended) The method of claim 39, wherein the blowing agent comprises a blowing agent chosen from the group comprising consisting of water, acetone, methyl isobutyl ketone, methylene chloride, a hydrochlorofluorocarbon, [[or]]and a hydrofluorocarbon.

49. (Currently Amended) The method of claim 38, wherein the cross-linker-multifunctional alcohol comprises a cross-linker-multifunctional alcohol selected from the group comprising consisting of ethylene glycol, 1,4, butanediol, and dipropylene glycol.

50. (Currently Amended) The method of claim 38, wherein the cross-linker-multifunctional alcohol comprises a combination of ethylene glycol and 1,4 butanediol.

51. (Currently Amended) The method of claim 38, wherein the B-side further comprises a polyol at least partially derived from petroleum.

52. (Currently Amended) The method of claim 51, wherein the polyol at least partially derived from petroleum comprises a polyurea polyol.

53. (Canceled)

54. (Canceled)

55. (Canceled)

56. (Canceled)

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57. (Canceled)

58. (Canceled)

59. (Canceled)

60. (Original) The method of claim 38, wherein the substrate comprises a carpeting material.

61. (Currently Amended) The method of claim 38, wherein the blown vegetable oil is reacted with an alkyl oxide.

62. (Currently Amended) The method of claim 61, wherein the alkyl oxide comprises an alkyl oxide chosen from the group ~~comprising~~consisting of propylene oxide, butylene oxide, and ethylene oxide.

63. (Canceled)

64. (Canceled)

65. (Canceled)

66. (Canceled)

67. (Canceled)

68. (Canceled)

69. (Canceled)

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70. (Canceled)

71. (Canceled)

72. (Canceled)

73. (Canceled)

74. (Canceled)

75. (Canceled)

76. (Canceled)

77. (Canceled)

78. (Canceled)

79. (Canceled)

80. (Canceled)

81. (Canceled)

82. (Canceled)

83. (Currently Amended) A method of coating a substrate with a material comprising:
providing a substrate; a spray applicator comprising an A-side inlet, a B-side inlet, and
a sprayer head comprising an A-side outlet and a B-side outlet; an A-side reactant comprising

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an isocyanate; and a B-side reactant comprising a blown vegetable oil, a polyol at least partially derived from petroleum, a cross-linker, and a catalyst;

directing the spray applicator toward the substrate;

passing the A-side reactant through the A-side intake of the applicator and the B-side reactant through the B-side intake of the applicator; and

passing the A-side reactant and the B-side reactant through the sprayer head such that the A-side and B-side reactants react and contact the substrate material.

84. (Currently Amended) The method of claim 83, wherein the polyol at least partially derived from petroleum comprises a polyol at least partially derived from petroleum chosen from the group consisting of a polyether polyol, a polyester polyol, and a polyurea polyol.

85. (Original) The material produced according to claim 83.

86. (Canceled)

87. (Canceled)

88. (Canceled)

89. (Canceled)

90. (Canceled)

91. (Canceled)

92. (Canceled)

93. (Canceled)

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94. (New) The method of claim 51, wherein the polyol at least partially derived from petroleum comprises a polyol at least partially derived from petroleum chosen from the group consisting of a polyether polyol, a polyester polyol, and a polyurea polyol.